

SIMTEK6299

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE


In re Application of
Tatsuya, Anma
Tadashi Takano

App. No.: 09/683997
Filed: March 11, 2002
Conf. No.: 4716
Title: PERMANENT MAGNET TYPE
THREE-PHASE AC ROTARY
ELECTRIC MACHINE
Examiner: D. Le
Art Unit: 2834

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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July 27, 2003


Ernest A. Bentler
Reg. No. 19901

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REQUEST FOR RECONSIDERATION

TECHNOLOGY CENTER 2800

Dear Sir:

In response to the Final Office Action, dated May 27, 2003, the Examiner is solicited to reconsider his grounds of rejection and to favorably act upon this case in light of the following remarks:

REMARKS

The claims are all submitted for reconsideration without further amendment. For the reasons as set out below, it is submitted that they patentably distinguish over the art of record

In the Final Rejection, claim 1, the sole independent claim and a number dependent claims are rejected on the combination of Naoki in view of Nishio et al. The Examiner rightly admits that Naoki does not disclose or suggest the alternate winding directions of the coils on the respective pole teeth. This is an important feature of applicants' invention. This is done to avoid the undesirable generation of a circulating current caused by a different impedance of the individual coils in applicants' construction.

In Naoki, on the other hand, the coils are connected from one tooth to the next tooth and all coils on the individual teeth must be in the same direction. Thus to use the alternate winding of Nishio would destroy the very purpose of the basic Naoki reference. It is well established that the modification of one reference in a way to defeat its intended purpose is not obvious and clearly is a modification that one skilled in the art would make in light of the teachings of the references. The Examiner has pointed